



Mobile Computers At-a-Glance



Whether you need lightweight, EDA-styling or the rugged industrial design required to endure a wide range of environmental conditions and heavy usage, there is a Motorola mobile computer that can withstand the rigors of your particular environment.



Industrial Class

Turn to Motorola industrial class mobile computers to meet the needs of your most demanding environments. Whether you need handheld mobile computers or vehicle and fixed mount devices for your heavy equipment, this family of devices provides reliable operation — outdoors in inclement weather; in dusty, hot warehouses; on manufacturing floors; on the road in delivery vehicles; in the aisle of retail stores, and more. This flexible product line offers: advanced data capture options — including 1D and 2D bar code scanning as well as imaging; a full range of communication options — WLAN connectivity for workers inside the enterprise, WWAN for workers outside the four walls, batch for off-line processing, and WPAN for connectivity to peripherals, such as printers and headsets; and integrated voice and data devices that eliminate the need to purchase both mobile phones and computers for your employees.

HANDHELD MOBILE COMPUTERS

MC1000

1D; Batch



The MC1000 provides robust 1D bar code scanning and data entry for batch applications in light industrial environments. This slim, size optimized, value priced device offers the rugged construction required to endure everyday use in warehouse, retail, government, and distribution centers for workers inside your four walls. And the Microsoft Windows CE environment provides the ability to develop and run powerful applications today that can be ported easily to advanced devices as your business needs evolve.

MC3000 Series

The MC3000 family of rugged mobile computers is designed to deliver comfort and performance in both rugged and demanding enterprise environments. The MC3000/3090 is available in multiple configurations (including straight shooter, rotating head or gun) and/or combinations that offer monochrome or color display, 1D laser or 1D/2D imaging, batch (inside and outside the four walls), WLAN (inside the four walls) and WPAN that provide the flexibility to use the same device for either real-time or off-line applications and data processing, in addition to a variety of accessories that enable you to customize the device to meet user and applications specific needs.

MC3000/3090

1D/2D/Image capture; WLAN/BATCH/WPAN



The MC3000/3090 is available in two form factors: rotating head or straight shooter. Rotating head enables the user to select the most ergonomic barcode capture position, and is available with monochrome or color screen for 1D scanning. Straight shooter is available with color screen and 1D scanning or color screen with imager for 1D and 2D scanning. Wireless LAN and Batch processing provide the flexibility to use the same device for either real-time or off-line applications and data processing. And a variety of accessories enable you to customize the device to meet user and application-specific needs. Note that batch is not offered with the straight shooter.

MC3090-G

1D/2D/Image capture/WLAN/WPAN



The MC3090-G offers the same functionality of the MC3090 in a gun-style form factor. Available in 1D laser or imager for 1D and 2D scanning configurations, the well-balanced MC3090 is designed to minimize user fatigue, bringing all day comfort to employees who scan for the majority of their workday and is optimized for scanner intensive applications.





MC9000 Series

The best-selling MC9000 series of rugged handheld mobile computers offer maximum reliability, performance, and functionality for the most demanding retail, manufacturing, logistics and industrial environments and applications. A common high-performance platform architecture, including the latest in operating systems and processing power, enables partners and end-users to address the entire supply chain most efficiently — while reducing costs by leveraging common development tools, accessories and training programs. A full suite of wireless communications options allows you to select the combination of WWAN/WLAN/WPAN connectivity you need in various areas of your business. Models that offer integrated voice and data substantially reduce capital and operating expenses by eliminating the need for dual devices for employees — scanner, a cell phone and a mobile computer. Multiple bar code scanning and data capture options include 1D and 2D bar code scanning as well as imaging and long range scanning. In addition to a variety of form factors and modular keypads, a comprehensive accessory family enables you to customize the MC9000 for your environment, applications and users.

MC9090-G

1D/2D/Image capture/long-range Lorax/DPM; WLAN/WPAN



Designed to empower mobile workers inside your four walls, the MC9090-G offers rugged computing and data capture capabilities, real-time communications with seamless connectivity to nearly any wireless LAN, and connectivity to the desktop, printers, wireless headsets and more through Bluetooth WPAN functionality. A DPM-capable configuration and a condensation resistant configuration are available as well.*

MC909X-K

1D/2D/Image capture; WWAN/WLAN/WPAN



Ideal for workers inside and outside your four walls, this integrated voice and data device offers the functionality of the MC9090-G plus robust voice and WAN capabilities. The integrated quad band EDGE/GPRS/GSM or iDEN radio, and CDMA 1XRTT (MC9063 only), provide the flexibility to select the wide area wireless network that is best suited to your geographies, providing a single platform for worldwide support for your converged applications.*

MC909X-S

1D/2D/Image capture; WWAN/WLAN/WPAN



The MC909X-S offers all the functionality of the MC909X-K in a convenient, compact form factor. Like the MC909X-K, the MC909X-S also provides workers inside and outside your four walls with both voice and data communications. And the smaller and lighter design is ideal for workers who need to have the device by their side every minute of the workday — from route sales people to field repair workers and employees in warehouses/distribution centers.*

MC9097-K/S

1D/2D/Image capture; WWAN/WLAN/WPAN; Nextel Nationwide Walkie-Talkie; aGPS



This comprehensive integrated voice and data device with push-to-talk functionality is ideal for your mobile workers. The MC9097-K/S offers Nextel Nationwide Walkie-Talkie cost-effective voice communications as well as Assisted GPS to support tracking applications, seamless connection to nearly any wireless LAN, and a full complement of scanning and image capture capabilities.

MC9090-G RFID

1D/2D/Image capture; WLAN; RFID



Expand the reach of your RFID solution with this handheld RFID reader. With this rugged device, mobile workers can track products and assets in real-time right on the warehouse or manufacturing floor, in the aisles at the distribution center, or on the receiving dock. In addition to the ability to read and write Gen 1 and Gen 2 RFID tags, the MC9090-G RFID can read any 1D and 2D bar code, providing the flexibility to provide your workers with a single device for nearly all your warehouse applications.*

*Select configurations are UL Class 1 Division 2 approved for use in hazardous locations.

Motorola mobile computers offer the very latest in architecture — from processors and power management to memory and more — and are equipped to handle the most demanding applications, including multimedia.

VEHICLE/FIXED MOUNT COMPUTERS

VC5090

VoIP; WLAN/WPAN



Streamline warehouse and manufacturing operations in the harshest environments with the VC5090. Rugged construction and high-performance wireless networking combine to enable real-time communications on the loading dock, in the freezer and on the warehouse floor. Whether your workers are on forklifts or at fixed stations like a workbench, the VC5090 enables the real-time data access and collection needed to increase productivity and reduce errors in shipping and receiving, as well as put-away and picking applications.

VC6096

Fixed mount, in-cab mobile computer with Telematics



The VC6096 all-in-one in-cab solution is designed to help transportation and logistics providers achieve cost-effective compliance, maximize driver productivity, improve safety and vehicle utilization, reduce costs and improve customer service. Built to handle the rigors of the road, the device provides drivers with the comprehensive simultaneous wireless voice and data capabilities needed to maximize operational efficiency — including wireless WAN (WWAN), wireless LAN (WLAN), Bluetooth, GPS and telematics support. Ideal for Less Than Truckload (LTL), Truck Load (TL) and Over the Road (OTR) operations, this open-platform solution allows you to choose and control the applications and peripherals that best meet your business needs.

WEARABLE COMPUTERS

WT4000 Series

Voice Capable; WLAN; WPAN



Enhance efficiency, productivity and accuracy in the warehouse by bringing advanced computing and scanning technology to your workers with the WT4000 Series Wearable Terminal. The ergonomic and hands-free design offers maximum application flexibility, enabling text, voice or a combination of text and voice interface. The rugged WT4000 can be comfortably worn on either wrist or hip, and features the latest mobile operating system and processing power to enable virtually any application. Always-on wireless connectivity provides real-time transaction visibility.

RS309

1D; Long range; Hands-free lightweight back of the hand scanner



Extend accurate and dependable scanning to the hands of your warehouse workers with the rugged RS309 Wearable Scanner. Positioned out of the way on the back of the hand, the hands-free RS309 can be worn for a full shift without fatigue. Part of the WT4000 Series wearable system, the RS309 offers high performance scanning, capable of capturing even poorly printed, damaged or low-contrast bar codes. A wide scan range enables you to meet the needs of multiple applications with a single cost-effective device. And the rugged device is designed for nearly any environment — including the coldest freezer.

RS409

1D; Wide range; Hands-free lightweight ring scanner



Combine superior performance with unparalleled freedom with the rugged and ergonomic RS409 Ring Scanner. Worn directly on the finger or over a gloved hand, the tiny device offers outstanding scanning functionality, enabling reading of even poorly printed or damaged bar codes near or far regardless of lighting conditions or bar code symbology. Part of the WT4000 Series wearable system, the RS409 is ideal for a wide range of applications, from workers picking product in a warehouse or processing deliveries in a postal facility to hospitality workers on a ski slope scanning lift tickets.

RS507

1D; 2D, Hands-free, cordless freedom and user comfort



Give your workers the superior blend of technology, form and function needed to achieve a new level of productivity in package handling and warehouse applications with the RS507 Hands-Free Imager. Advanced ergonomics and Bluetooth® cordless freedom deliver unparalleled freedom of movement and user comfort. The most rugged scanner in its class, the RS507 also offers stunning laser-like performance on both 1D and 2D bar codes, maximizing throughput in the most demanding enterprise environments.



Enterprise Class

Motorola's enterprise class mobile computers offer small and lightweight EDA styling with enterprise construction ranging from durable to rugged, high-performance processing and bar code scanning. Choose the model that best meets your needs and your budget, from true EDA-style devices with synchronization cradles for workers inside your enterprise to rugged integrated voice and data devices that offer true anytime anywhere wireless communications for workers inside or out in the field.

MC17



Portable Self Scanning Terminal

Give busy retail consumers what they want most - personalized service that travels with them while they shop. The MC17 delivers new levels of self-service and convenience - freedom to scan items for purchase, receive discounts and promotions and more, all at the press of a button. The MC17 also doubles as a productivity tool for employees who perform inventory and price checks, line busting and more. The MC17 is intuitive to use, and its standards-based architecture reduces development costs and delivers real-time integration with retailers POS systems.

MC35



1D/2D/Imaging; WWAN/WLAN/WPAN

Keep on-the-go employees connected, responsive and productive with the all-in-one MC35 Enterprise Digital Assistant - a pocketable device that combines the power of a mobile phone, GPS device, computer, camera and bar-code scanner. The MC35 offers durability, manageability, access to email, enterprise back-end systems and occasional scanning in a small, enterprise-class device.

MC55 Family



1D/2D; VoIP, WLAN, WWAN

The Motorola MC55 brings a new level of flexibility and functionality to pocket-sized mobile devices, providing task workers and managers inside and outside the enterprise walls with the integrated voice and data capabilities required to streamline business processes, increase productivity and improve customer service levels. Offering business-class performance and a rugged design as well as true consumer styling and ergonomics, the easy-to-carry and easy-to-use MC55 packs the power of a cell phone, walkie-talkie, mobile computer, bar code scanner and camera into a single mobile device.

MC70



1D/2D/Imaging; VoIP; WWAN/WLAN/WPAN

The MC70 Enterprise Digital Assistant (EDA) is a rugged handheld mobile computer that incorporates a mobile phone, PDA, computer, scanner or imager and GPS navigation in a single unit designed for the rigors of all-day, everyday usage. This versatile tool provides your mobile workers with everything they need to increase productivity and efficiency inside and outside your four walls in nearly any environment - from field workers reading meters and repairing equipment to postal workers and drivers delivering packages, hospital workers checking lab results and medication orders, and more.*

MC75



1D/2D/Imaging; VoIP; WWAN/WLAN/WPAN

Motorola's 3G MC75 Worldwide Enterprise Digital Assistant delivers all the features and flexibility required to maximize workforce productivity in a rugged device with a minimum footprint. Support for 3G HSDPA and CDMA-EVDO (Rev A) provides high performance voice and data services around the globe. Comprehensive features include push-to-talk (PTT), GPS, 1D and 2D bar code scanning, a high resolution 2 megapixel autofocus color camera with a 3.5" bright VGA display, wireless LAN (WLAN), wireless PAN (WPAN) and IrDA connectivity - all in a single device.

PPT88XX



1D/WLAN/WPAN

The PPT88XX enables enterprise mobile workers in the enterprise to streamline tasks with real time data communications and 1D bar code scanning. This lightweight, compact device offers the construction to withstand all-day every day use. For example, in a variety of applications and industries. For example, in retail, this flexible device can be used for portable point of sale and for inventory management, as well as to conduct price audits and changes. Doctors and nurses can access patient records. And hotel clerks can offer curbside check-in as an added convenience.



*Select configurations are UL Class 1 Division 2 approved for use in hazardous locations.

At-a-Glance by Industry

Use the following chart to determine which Motorola devices are best suited for your industry.

INDUSTRIAL CLASS	Retail	Mfg./ Warehouse	Healthcare	Government	Wholesale Distribution	Transportation & Logistics	Field Service & Sales	Route Accounting	Hospitality
Handheld Mobile Computers									
MC1000	•	•		•	•				
MC3090	•	•		•	•	•		•	
MC3090-G	•	•		•	•				
MC9090-G	•	•		•	•				
MC909X-K	•	•		•		•	•	•	
MC909X-S				•		•	•	•	
MC9097-K/S				•		•	•	•	
MC9060-G RFID		•			•				
Stationery & Vehicle Mount Computers									
VC5090		•			•				
VC6096						•			
Wearable Computers									
WT4000 Series	•	•			•	•			
ENTERPRISE CLASS									
MC17	•								
MC35	•					•	•		•
MC55	•		•	•			•	•	•
MC70	•		•	•		•	•	•	
MC75	•		•	•		•	•	•	
PPT88XX	•	•	•	•	•	•			•

MOTOROLA'S FAMILY OF MOBILE COMPUTERS

		Computing Platform	Rugged Specifications			Data Capture Options			
INDUSTRIAL CLASS									
Handheld Mobile Computers									
		Operating System	Sealing	Drop Specifications	Tumble Tested	1-D Codes	2-D Codes	Imager	Long Range Scanning
MC1000		Microsoft Windows® CE 5.0	IP54	4 ft./1.2 m drop to concrete across operating temperature	500 1.6 ft./5 m tumbles (1,000 drops)	•			
MC3000-R/S		Microsoft Windows® CE 5.0 or Windows Mobile 6.1	IP54	4 ft./1.2 m drop to concrete across operating temperature	500 1.6 ft./5 m tumbles (1,000 drops)	•	•	•	
MC3090-G		Microsoft Windows® CE 5.0 or Windows Mobile 6.1	IP54	4 ft./1.2 m drop to concrete across operating temperature	500 1.6 ft./5 m tumbles (1,000 drops)	•	•	•	
MC9090-G		Choice of Windows Mobile® 5.0, 6.1 or Windows CE 5.0	IP64	6 ft./1.8 m drop to concrete across the op. temperature range	2,000 3.3 ft./1 m tumbles (4,000 drops)	•	•	•	•
MC909X-K		Windows Mobile® 5.0 Premium (non-WAN) or Phone Edition (WAN) or 6.1	IP64	6 ft./1.8 m drop to concrete across the op. temperature range	2,000 3.3 ft./1 m tumbles (4,000 drops)	•	•	•	
MC909X-S		Windows Mobile® 5.0 Premium (non-WAN) or Phone Edition (WAN) or 6.1	IP64	6 ft./1.8 m drop to concrete across the op. temperature range	2,000 3.3 ft./1 m tumbles (4,000 drops)	•	•	•	
MC9097-K/S		Windows Mobile® 5.0 Premium Phone Edition	IP64	6 ft./1.8 m drop to concrete	2,000 3.3 ft./1 m tumbles (4,000 drops)	•	•	•	
MC9090-G RFID		Windows® Mobile CE. 5.0 or Windows Mobile 5.0	IP64	6 ft./1.8 m drop to concrete	2,000 3.3 ft./1 m tumbles (4,000 drops)	•	•		
Stationery & Vehicle Mount Computers									
VC5090		Windows® CE 5.0 Professional	IP66 + MIL-STD-810F military rating	N/A	N/A	•	•	•	
VC6096		Windows Mobile 6.1 Professional Edition	IP64	N/A	N/A				
Wearable Computers									
WT4000 Series		Microsoft Windows® CE 5.0 Professional Version	IP54	4 ft./1.2 m drop to concrete across the operating temperature range	500 1.6 ft./5m tumbles (1,000 drops)	•1			
ENTERPRISE CLASS									
MC17		Microsoft Windows® CE 5.0 Professional; Pocket Internet Explorer 6.0		4 ft./1.2 m drop to tile over concrete		•	•		
MC35		Windows Mobile® 6.0 Professional		3 ft./91.44 cm drop to tile	150 1.5 ft./50cm tumbles (300 drops)	•	•	•	
MC55		Windows Mobile 6.1 Professional	IP54	4 ft./1.2 m drop to concrete	250 1.6 ft./5 m tumbles (equivalent to 500 drops)	•	•	•	
MC70		Windows Mobile® 6.1 Premium or Phone Edition	IP54	4 ft./1.2 m drop to concrete	1,000 1.6 ft./5m tumbles (2,000 drops)	•	•	•	
MC75		Windows Mobile 6.1 Professional	IP54	5 ft drop to concrete, 2 drops per 6 sides at ambient temperature	1,000 1.6 ft. / 0.5 tumbles (2,000 tumbles)	•	•	•	
PPT88XX		Microsoft Windows® Mobile 2003 second edition	IP54	4 ft./1.2 m drop to concrete	1,000 1.6 ft./5m tumbles (2,000 drops)	•			

1 - Via optional handsfree scanners: RS309 back of hand scanner or RS409 ring scanner.

*NOTE: 802.11a is not available in this product in Thailand.

**For more information about our voice capabilities, visit www.symbol.com

	Voice**	Wireless Networking			GPS	Imaging	Offline Operation	Manageability	
Direct Part Marking (DPM)	RFID	Integrated Voice	WWAN	WLAN	WPAN	GPS	CAMERA	Batch Only	MSP Compatible
								•	
•		Microphone; front receiver; 2.5 mm headset jack; speakerphone; Bluetooth headset		Tri-mode 802.11a/b/g	Bluetooth			•	•
				Tri-mode 802.11a*/b/g	Bluetooth				•
•		Microphone; front receiver; 2.5 mm headset jack; speakerphone; Bluetooth headset		Tri-mode 802.11a*/b/g	Bluetooth				•
		Microphone; front receiver; 2.5 mm headset jack; speakerphone; Bluetooth headset	Integrated quadband EDGE/GPRS/GSM or iDEN	Tri-mode 802.11a*/b/g	Bluetooth				•
		Microphone; front receiver; 2.5 mm headset jack; speakerphone; Bluetooth headset	Integrated quadband EDGE/GPRS/GSM or iDEN	Tri-mode 802.11a*/b/g	Bluetooth				•
		Microphone; front receiver; 2.5 mm headset jack; speakerphone; Bluetooth headset	Sprint/Nextel/Nationwide Walkie-Talkie, aGPS	Tri-mode 802.11a*/b/g	Bluetooth	•			•
	Gen1 and Gen2 capable			802.11a*/b/g	Bluetooth				•
		Headset		802.11a*/b/g	Bluetooth				•
		Speaker, microphone and receiver	GSM, 3.5G HSDPA	Integrated 802.11 a/b/g	Bluetooth	•			•
		Via headset cabled or BT		802.11a*/b/g	Bluetooth				•
				802.11a/b/g					•
		Speakerphone; PTT; wired/wireless headset; handset	eGPRS/GSM	802.11b/g	Bluetooth	•	•		•
		Speaker, microphone and Bluetooth	GSM GPRS EDGE 2.5G	802.11a/b/g	Bluetooth	•	•		•
		Microphone; front receiver; 2.5 mm headset jack; speakerphone; Bluetooth headset	eGPRS/GSM/EVDO (Available Q1 2007)	802.11a*/b/g	Bluetooth	•			•
		Speaker, receiver, microphone, headset jack	GSM: 3G HSDPA; CDMA; EVDO Rev A	Tri-mode IEEE® 802.11a/b/g	Bluetooth	•	•		•
				802.11b	Bluetooth				•



MOTOROLA

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